



Crop Progress and Condition

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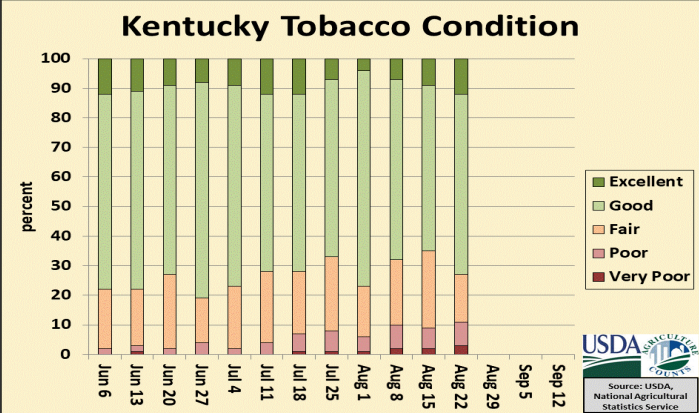
Agricultural News: Kentucky experienced near normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 1.51 inches, 0.64 inches above normal. Temperatures averaged 79 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 3 percent very short, 21 percent short, 67 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 2 percent very short, 28 percent short, 64 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Primary activities for this week included cutting hay along with topping and cutting tobacco. The state received some heavy rain this past week which was much needed in many areas. The precipitation did prove a deterrent to fieldwork, but crops were in need of relief. The timely rain will hopefully lead to good grain fill for corn and soybeans. It is of note that some areas remain very dry. Eighty-eight percent of the corn crop is in the milking stage while 71 percent of the crop is doughing. Fifty-three percent of corn is denting with 21 percent of the crop mature. Ninety percent of soybeans are blooming while 80 percent are setting pods. Fourteen percent of soybeans are coloring at this time with just 3 percent dropping leaves. With 89 percent of the tobacco crop blooming, topping is 75 percent complete. Tobacco cutting is moving along with 23 percent of the crop harvested.

Corn, soybeans, and tobacco remain in mostly good condition, however areas that remain dry could see crop stress. Pastures that benefitted from recent rain will be able to replenish. In these areas hay ground will also receive some much needed help.

SOIL MOISTURE for week ending 08/22/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	21	67	9
Subsoil	2	28	64	6



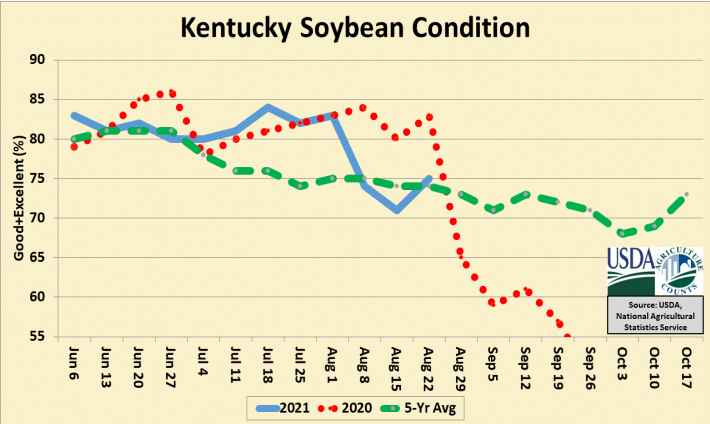
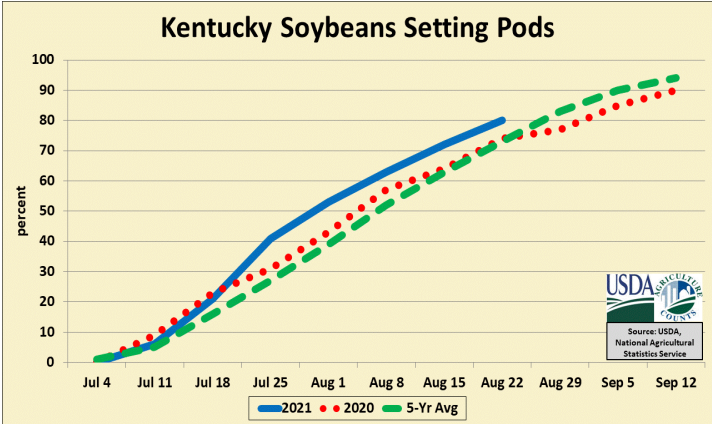
CROP PROGRESS for week ending 08/22/21

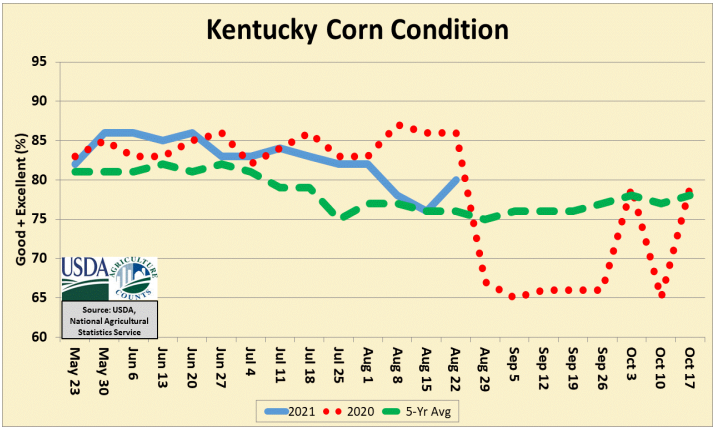
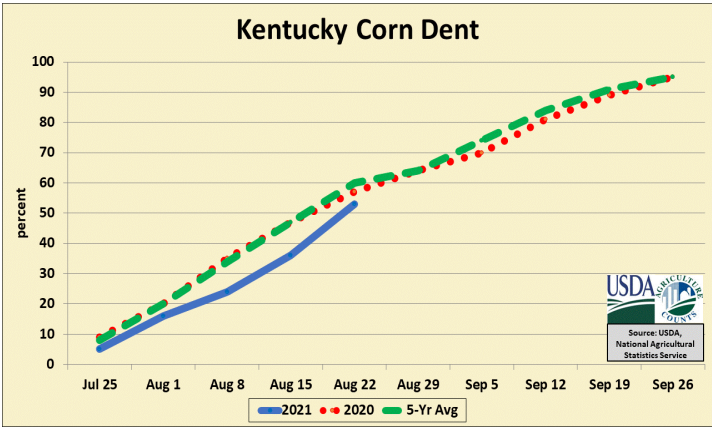
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	88	78	94	91
Corn Dough	71	60	78	79
Corn Dent	53	36	57	60
Corn Mature	21	-1	20	24
Soybeans Blooming	90	85	88	88
Soybeans Setting Pods	80	72	74	73
Soybeans Coloring	14	6	11	13
Soybeans Dropping Leaves	3	-	3	1
Tobacco Blooming	89	83	91	88
Tobacco Topped	75	64	77	73
Tobacco Cut	23	6	27	22

- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 08/22/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	15	65	15
Pasture	3	6	22	55	14
Soybeans	2	4	19	62	13
Tobacco Set	3	8	16	61	12





Kentucky Climate Summary
For the Period August 16, 2021 to August 22, 2021

Near Normal Temperatures and Much Above Normal Rainfall:

The Commonwealth received a healthy dose of rainfall last week with the state averaging 1.75 inches. That number increased to 2.67 inches for Eastern Kentucky, alone. Outside of a dry Sunday, each day featured some level of rainfall coverage across the state. A combination of heavy rainfall and slow storm movement led to many bouts of localized flooding. Several stations across the Southern Bluegrass and Eastern Kentucky saw in excess of 5 inches, some of which can be attributed to Tropical Depression Fred moving through the latter on Tuesday. Overall, this marks a second straight week that the Commonwealth has averaged over 1.5 inches of rainfall. Outside of rainfall, high humidity remained across the area with temperatures generally running below normal by day and above normal at night.

Temperatures for the period averaged 76 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at LOUISVILLE APT and the extreme low was 61 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.75 inches statewide which was 0.89 inches above normal and 204% of normal. Precipitation totals by climate division, West 1.69 inches, Central 1.04 inches, Bluegrass 1.61 inches and East 2.67 inches, which was 0.91, 0.18, 0.74 and 1.75 inches above normal. By station, precipitation totals ranged from a low of 0.06 inches at FORT KNOX to a high of 5.26 inches at JACKSON.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/22/21 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	2.09	21.60	2.12	2.69	-1.88	91	66	78	3	198	2,536	-55
Berea	1.40	19.62	4.44	0.25	0.66	91	65	78	4	196	2,288	-357
Bowling Green	0.77	16.06	1.07	-3.81	-2.62	97	71	83	8	234	2,912	220
Bristol	0.12	12.40	1.65	-4.19	-1.70	94	64	80	6	208	2,370	-88
Buckhorn Lake	1.00	16.61	3.10	-2.01	-0.70	90	67	79	5	202	2,378	31
Cape Girardeau	0.10	18.66	0.17	0.34	-3.00	92	64	81	4	216	2,853	37
Campbellsville	1.70	16.38	2.80	-5.29	-1.66	93	68	79	4	200	2,437	-185
Covington	1.11	21.58	1.33	3.85	-2.07	93	63	79	5	200	2,504	89
Cumberland Gap	2.62	19.11	4.71	-1.41	0.40	91	63	78	4	194	2,456	17
Dix Dam	2.04	22.09	3.00	2.61	-0.97	92	65	78	4	198	2,464	-117
Evansville	2.83	15.11	2.84	-2.69	-0.36	93	69	81	4	218	2,754	76
Glasgow	3.01	21.72	3.10	0.25	-1.08	95	69	81	6	217	2,560	-45
Grayson	2.00	16.63	3.57	-1.77	-0.28	94	66	78	4	199	2,392	94
Hardinsburg	1.03	18.79	1.05	-0.78	-2.78	92	68	80	5	207	2,485	-218
Henderson	1.22	15.10	1.35	-3.12	-1.90	91	68	79	2	202	2,523	-207
Huntington	1.38	24.28	3.89	5.88	-0.08	93	65	80	6	206	2,496	21
Jackson	2.49	19.38	5.69	-0.21	1.55	91	69	80	6	208	2,628	281
Lexington	2.60	21.85	2.85	2.94	-1.15	91	66	77	3	190	2,358	-147
London	2.24	22.46	4.53	4.30	0.93	90	67	79	5	202	2,488	12
Louisville	1.04	17.63	1.05	-0.90	-2.55	96	70	82	7	227	2,993	323
Mayfield	0.02	22.64	2.63	2.87	-1.11	90	64	78	1	196	2,664	-69
Nashville	0.71	19.36	5.69	0.90	2.35	97	71	83	8	232	3,068	195
Nolin Lake	2.44	26.33	2.81	5.54	-1.12	93	69	80	5	212	2,576	93
Paducah	1.00	20.88	1.15	1.07	-2.22	93	67	81	4	215	2,922	142
Princeton	0.49	24.14	1.64	4.30	-2.10	91	68	79	2	206	2,603	-170
Quicksand	2.78	18.85	4.83	-0.74	0.69	91	64	78	4	194	2,376	29
Somerset	1.95	22.01	5.46	1.56	1.51	90	66	77	3	192	2,313	-196
Spindletop	2.32	21.54	2.50	2.63	-1.50	90	67	77	3	190	2,398	-107
Williamstown	1.36	21.47	1.36	2.81	-2.34	90	65	76	2	186	2,288	-163

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.